

In the Claims

The pending claims are:

1. (Previously presented) A radio signal receiving system comprising:

a location unit;

a wireless interface to a wide area network;

a frequency selection unit coupled to receive a current location from the location unit wherein, in response to a change in signal reception condition, the frequency selection unit (1) retrieves, over the wireless interface, tuning data representing a set of frequencies of broadcast signals that can be received at the current location from a data storage system associated with a server on the wide area network, the tuning data retrieved having been filtered according to a previously determined set of selection criteria based on user content preferences, and (2) further selects a frequency from the set of frequencies of broadcast signals in the tuning data retrieved; and

a radio receiver coupled to receive the selected frequency from the frequency selection unit, and tunes to receive the broadcast signal at the selected frequency.

2. (Previously presented) The system of claim 1 wherein the selected frequency is the transmission frequency of a frequency modulated (FM) broadcast station.

3. (Previously presented) The system of claim 1 wherein the selected frequency is the transmission frequency of a satellite transmitter.

4. (Previously presented) The system of claim 1 further comprising a user interface electrically coupled to receive from the frequency selection unit data arranged as radio signal content categories, and to output a menu of the categories to a listener.

5. (Original) The system of claim 4 wherein at least a portion of the menu is output on a visual display.

6. (Original) The system of claim 4 wherein at least a portion of the menu is audibly output by the interface.

7. (Previously presented) The system of claim 1 further comprising a user interface electrically coupled to receive and relay to the frequency selection unit a user command to select a particular content category in an arrangement of radio signal content categories stored in the frequency selection unit.

8. (Original) The system of claim 7 wherein the command is a verbal command.

9-16. (Canceled)

17. (Previously presented) A method of tuning a mobile radio system, comprising the acts of:

receiving from a location unit location information that identifies a current position of the system;

in response to a change in signal reception condition, retrieving over a wireless interface to a wide area network tuning data representing a set of frequencies of broadcast signals that can be received at the current location from a data storage system associated with a server on the wide area network, the tuning data having been

filtered according to a previously determined selection criteria based on user content preferences;

in a frequency selection unit, further selecting a particular frequency from the tuning data retrieved; and

using the particular frequency to tune a radio receiver to receive the radio broadcast signal at the particular frequency.

18. (Previously presented) The method of claim 17, wherein the tuning data comprises frequency modulated (FM) radio station frequencies.

19. (Previously presented) The method of claim 17, wherein the tuning data comprises satellite transmission radio frequencies.

20. (Previously presented) The method of claim 17, wherein the tuning data is arranged by categories of content carried by radio signals.

21. (Original) The method of claim 20 further comprising the act of outputting to a user a menu of content categories available for the current position.

22. (Original) The method of claim 20 further comprising the act of receiving a command from a listener to select a particular content category.

23. (Previously presented) The method of claim 17, wherein the set of selection criteria is provided by a system user selecting one or more content categories via the Internet and wherein the tuning data is provided by downloading via the Internet.

24. (Original) The method of claim 23, wherein the user selects the one or more content categories via the World-Wide Web.

25. (Original) The method of claim 17, wherein the location information is provided using global positioning system information.

26. (Original) The method of claim 17, wherein the location information is provided using cellular wireless communications system information.

27. (Previously presented) The method of claim 17, wherein the change in signal reception condition corresponds to a change in the strength of the radio signal then being received falling below a predetermined value.

28. (Previously presented) The method of claim 27, wherein the particular frequency is selected based on content category of the broadcast signal being received prior to the change in signal reception condition.

29-30. (Canceled)

31. (Previously presented) The system of claim 1, wherein the location information is provided using global positioning system information.

32. (Previously presented) The system of claim 1, wherein the location information is provided using cellular wireless communications system information.